

Application No. 10/609,495

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electro-optical device, comprising:

an electro-optical substance;

a pair of substrates holding the electro-optical substance; and

pole-like spacers having a sectional curvature shape with no acute angle

provided on at least one of the pair of substrates on a to-be-provided surface of the at least one substrate facing the electro-optical substance, the pole-like spacers having, at roots thereof, a slope portion with a surface connecting to the to-be-provided surface.

2. (Original) The electro-optical device according to claim 1, further including

an orientation film formed on the to-be-provided surface, the pole-like spacers having an elliptic shape in cross-section on a plane in parallel with the to-be-provided surface, and a long diameter of the elliptic shape extending in a direction in agreement with a direction in which the orientation film is rubbed.

3. (Currently Amended) An electro-optical device, comprising:

an electro-optical substance;

a pair of substrates holding the electro-optical substance;

pole-like spacers provided on at least one of the pair of substrates on a to-be-provided surface of the at least one substrate facing the electro-optical substance; and

an orientation film formed on the to-be-provided surface;

the pole-like spacers having an elliptic shape with no acute angle in cross-section in a direction in parallel with the to-be-provided surface; and

a long diameter of the elliptic shape stretching in a direction in agreement with a direction in which the orientation film is rubbed.

Application No. 10/609,495

4. (Original) The electro-optical device according to claim 1, the slope portion being formed on an entire outer circumference of the pole-like spacers.

5. (Original) The electro-optical device according to claim 1, the pole-like spacers having a maximum area of sectional shape on a plane in parallel with the to-be-provided surface and in contact with the to-be-provided surface, and the area decreasing as it extends from the to-be-provided surface.

6. (Original) The electro-optical device according to claim 1, the pole-like spacers having at least one of a semi-spherical shape and a semi-elliptic spherical shape.

7. (Original) The electro-optical device according to claim 1, a head end of the pole-like spacers including a flat surface.

8. (Original) The electro-optical device according to claim 1, further including:  
a first striped wiring formed on the at least one substrate;  
a second striped wiring formed on the at least one substrate or the other substrate, and extending in a direction that intersects the first striped wiring;  
switching elements and pixel electrodes formed corresponding to regions where the second striped wiring and the first striped wiring intersect each other; and  
a light-shielding film formed on the at least one substrate or the other substrate at a position corresponding to a position where the first striped wiring and the second striped wiring are formed;  
the pole-like spacers being arranged within a width of the light-shielding film.

9. (Original) The electro-optical device according to claim 1, further including:  
a first striped electrode formed on the at least one substrate;  
a second striped electrode formed on the other substrate, and extending in a direction that intersects the first striped electrode; and

Application No. 10/609,495

a light-shielding film formed on the at least one substrate or the other substrate except regions where the first striped electrode and the second striped electrode intersect each other;

the pole-like spacers being arranged within a width of the light-shielding film.

10. (Original) An electronic equipment, comprising:

the electro-optical device according to claim 1.

11. (New) An electro-optical device, comprising:

a TFT array substrate and a counter substrate;

an electro-optical substance held between the TFT array substrate and the

counter substrate;

a counter electrode formed on the counter substrate;

a light-shielding film formed on the counter substrate; and

pole-like spacers formed by a part of the light-shielding film.